

# **EXHIBIT 4**

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
14 July 2005 (14.07.2005)

PCT

(10) International Publication Number  
WO 2005/062972 A2

- (51) International Patent Classification: Not classified (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (21) International Application Number: PCT/US2004/043541
- (22) International Filing Date: 23 December 2004 (23.12.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/532,130 23 December 2003 (23.12.2003) US
- (71) Applicant (for all designated States except US): TANOX, INC. [US/US]; 10301 Stella Link, Houston, TX 77025 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): FUNG, Sek, Chung [US/US]; 3511 Deal, Houston, TX 75025 (US). MOYLE, Matthew [US/US]; 3650 Meadow Lake Lane, Houston, TX 77027 (US).
- (74) Agent: LILJESTRAND, Cheryl, A.; Tanox, Inc., 10301 Stella Link Road, Houston, TX 77025 (US).

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/062972 A2

(54) Title: TREATMENT OF CANCER WITH NOVEL ANTI-IL 13 MONOCLONAL ANTIBODIES

(57) Abstract: The present invention relates to the treatment of IL13 dependent neoplastic disorders comprising the administration of novel anti-IL13 antibodies. The invention also includes diagnosing such tumors or cancer using the antibodies of the present invention to detect overexpression of IL13 in the patient.